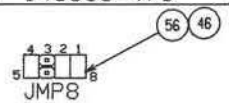
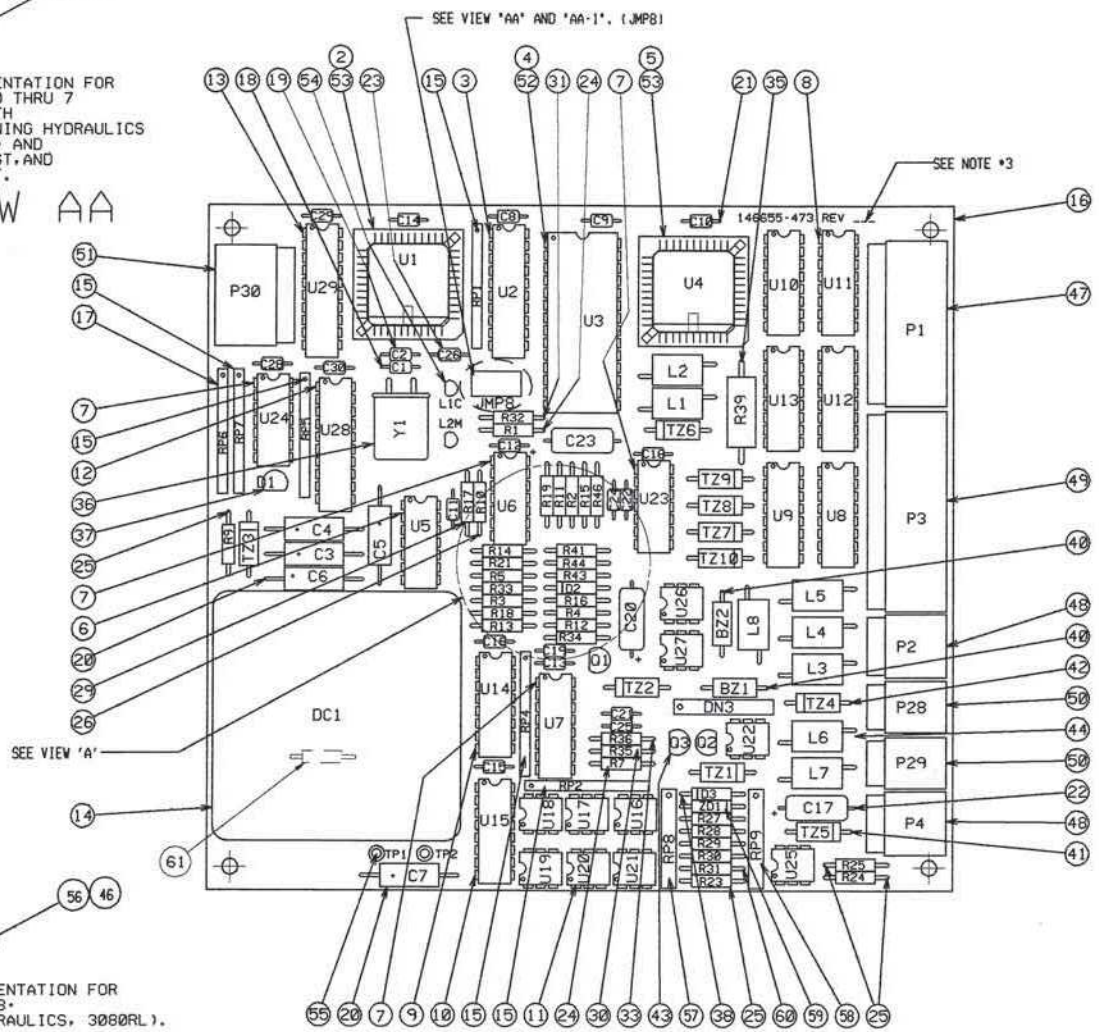
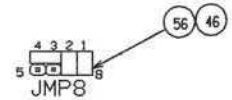
DWG. NO. 146655-473 | 1 SHEET 9 OF 4



JUMPER ORIENTATION FOR REVISIONS 0 THRU 7 (3080RL WITH PARKER/BRUNING HYDRAULICS AND 3080RC) AND FACTORY TEST, AND FACTORY SET.

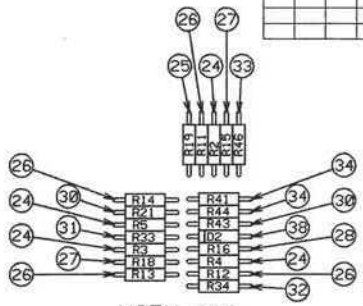
VIEW AA





JUMPER ORIENTATION FOR REVISIONS 8. (BIERI HYDRAULICS, 3080RL).

VIEW AA-1



QUANTITY			PART NUMBER	ITEM NO.	PART NAME	DESCRIPTION, MATERIAL	REV NO	REVISION DATE
		XXX	146655-473	1	TABLE CONTROL	BOARD ASS'Y.	11	05/25/94
		1		2	CPU			
		1		3	LATCH			
		1		4	EPROM, DUAL PROG.			
		1		5	I/O EXPANDER			
		1		6	XMITTER/RECEIVER			
		4		7	QUAD COMPARATOR			
		6		8	DARLINGTON SWITCH			
		1		9	8 BIT ENCODER			
		1		10	HEX INVERTER			
		10		11	OPTO-ISOLATOR			
		1		12	BUFFER			
		1		13	FLIP FLOP			
		1		14	CONVERTER			
		4		15	RESISTOR NETWORK			
		1		16	TABLE CONTROL			
		1		17	RESISTOR NETWORK			
		1		18	CAPACITOR			
		1		19	CAPACITOR			
		5		20	CAPACITOR			
		18		21	CAPACITOR			
		3		22	CAPACITOR			
		1		23	CAPACITOR			
		6		24	RESISTOR			
		5		25	RESISTOR			
		5		26	RESISTOR			
		2		27	RESISTOR			
		1		28	RESISTOR			
		1		29	RESISTOR			
		3		30	RESISTOR			
		2		31	RESISTOR			
		1		32	RESISTOR			
		2		33	RESISTOR			
		2		34	RESISTOR			
		1		35	RESISTOR			
		1		36	CRYSTAL			
		1		37	DIODE			
		2		38	DIODE			
		1		39	DIODE NETWORK			
		2		40	ZENER			
		9		41	ZENER			
		1		42	ZENER			
		3		43	TRANSISTOR			
		8		44	SHIELD BEAD			
				45				
		1		46	CONNECTOR			
		1		47	CONNECTOR			
		2		48	CONNECTOR			
		1		49	CONNECTOR			
		2		50	CONNECTOR			
		1		51	CONNECTOR			
		1		52	SOCKET			
		2		53	SOCKET			
		2		54	L.E.D.			
		2		55	TERMINAL			
		3		56	SHUNT			
		1		57	RESISTOR NETWORK			
		1		58	RESISTOR NETWORK			
		1		59	ZENER			
		5		60	RESISTOR			
		1		61	FUSE, .5A			
		1		62	RESISTOR NETWORK			

NO.	DATE	ECA NUMBER
3	10-11-89	RA*64
2	09-06-89	RA*25
1	8-3-89	RA*22
0	7-12-89	PER*4

NO.	DATE	ECA NUMBER
7	06-30-92	924139
6	04-05-91	914099
5	11-12-90	904255
4	10-11-89	904212

NO.	DATE	ECA NUMBER
11	05/25/94	944152
10	03/23/94	944073
9	08-16-93	934133
8	02-22-93	934026

TOLERANCE STANDARD UNLESS OTHERWISE NOTED | FRACTIONAL ±1/64 DECIMAL ±.005 ANGULARITY ±1° MACH. SURF. 125

SCALE 2/1

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DRN. D.JM 06-25-86 | CHD. D.JM 7-11-86 | ENG. P.JZ 7-17-86 | APVL. | DATE

TITLE: TABLE CONTROL BOARD ASS'Y.

FIRST MADE FOR: 146655-481

DWG. NO. 146655-473 | 1 SHEET 9 OF 4

CAD DWG.

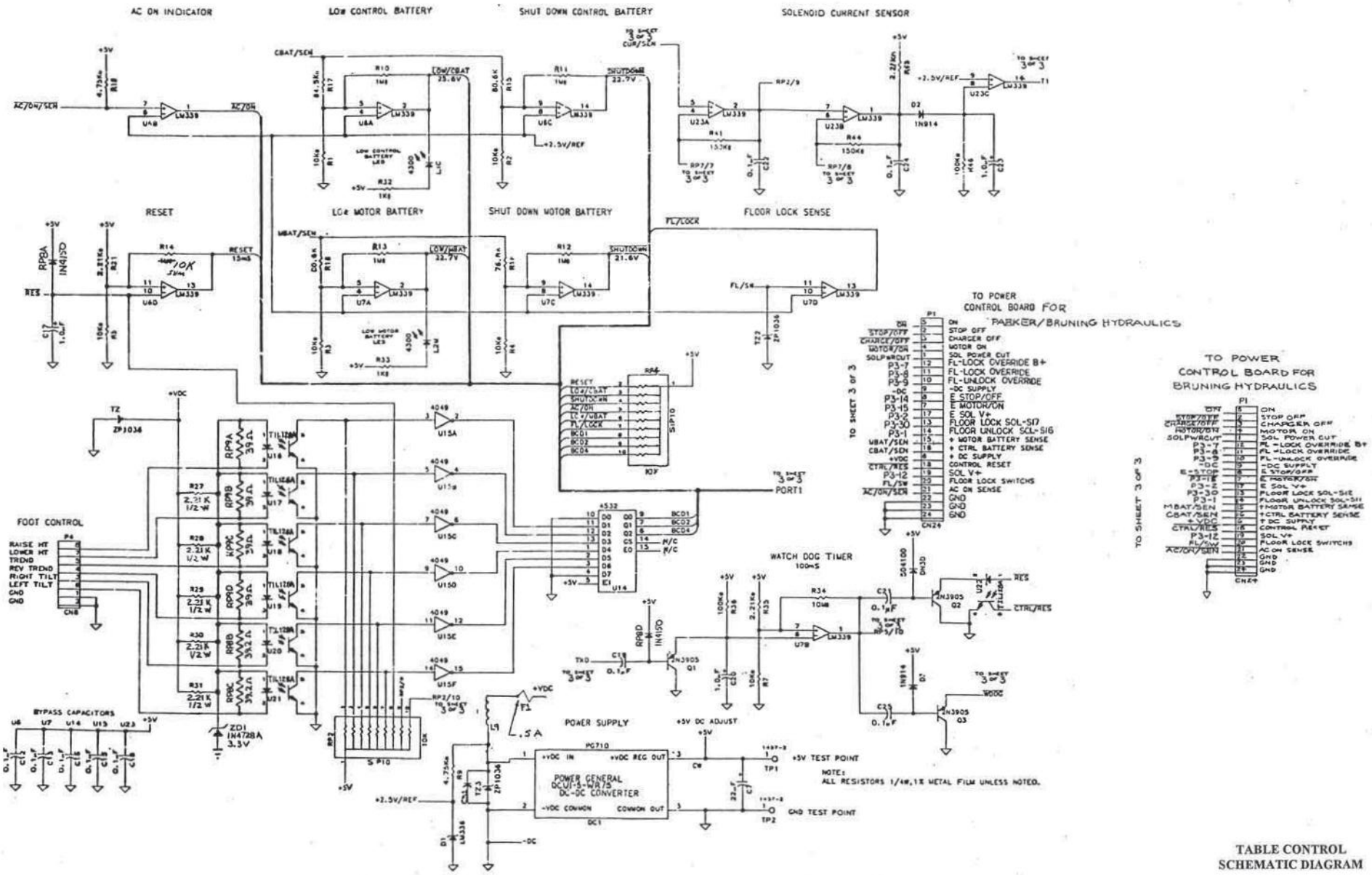


TABLE CONTROL SCHEMATIC DIAGRAM

W146655-473
Rev. 11 / 05-24-04

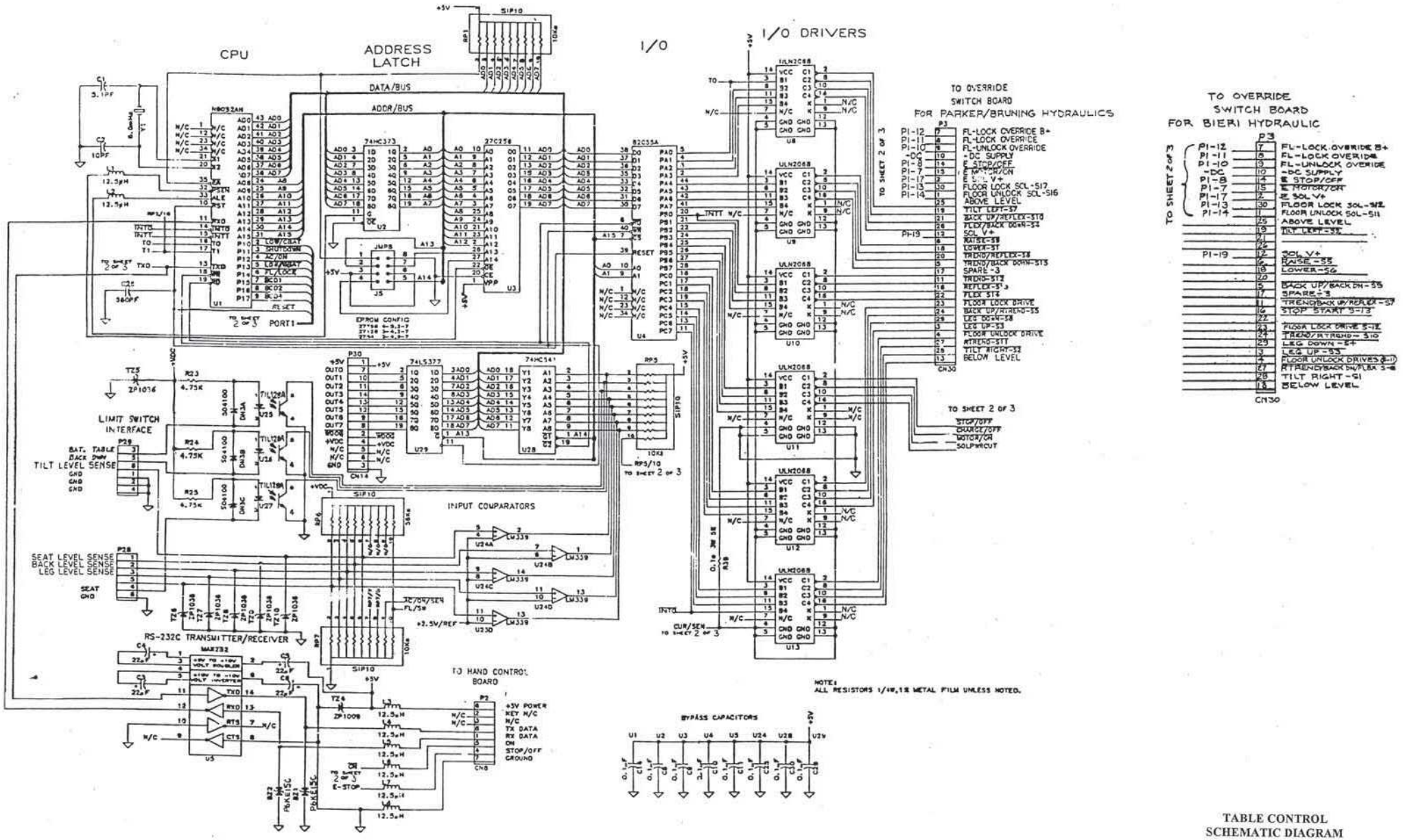


TABLE CONTROL SCHEMATIC DIAGRAM

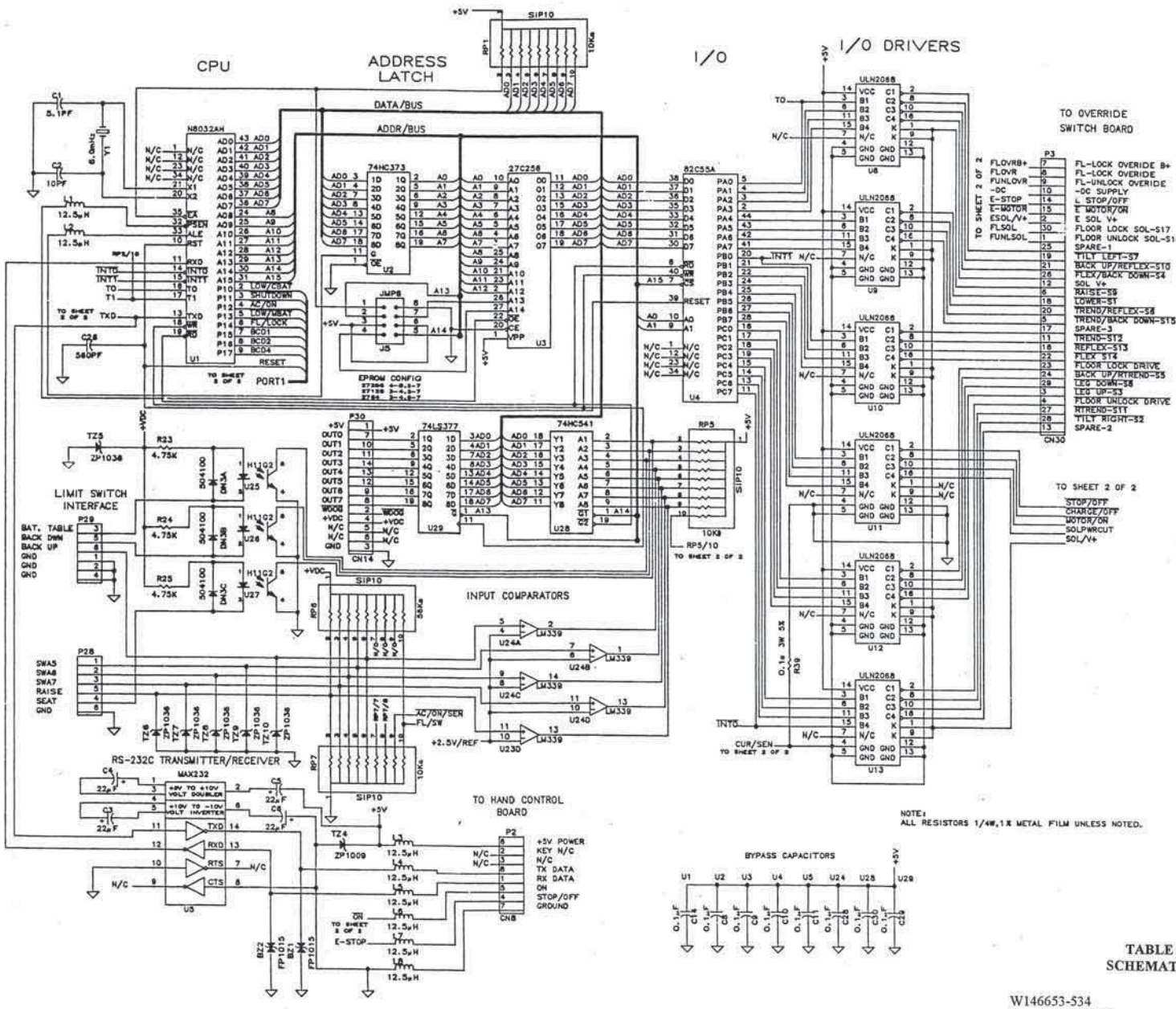


TABLE CONTROL SCHEMATIC DIAGRAM

W146653-534
Rev. 4 / 05-08-89

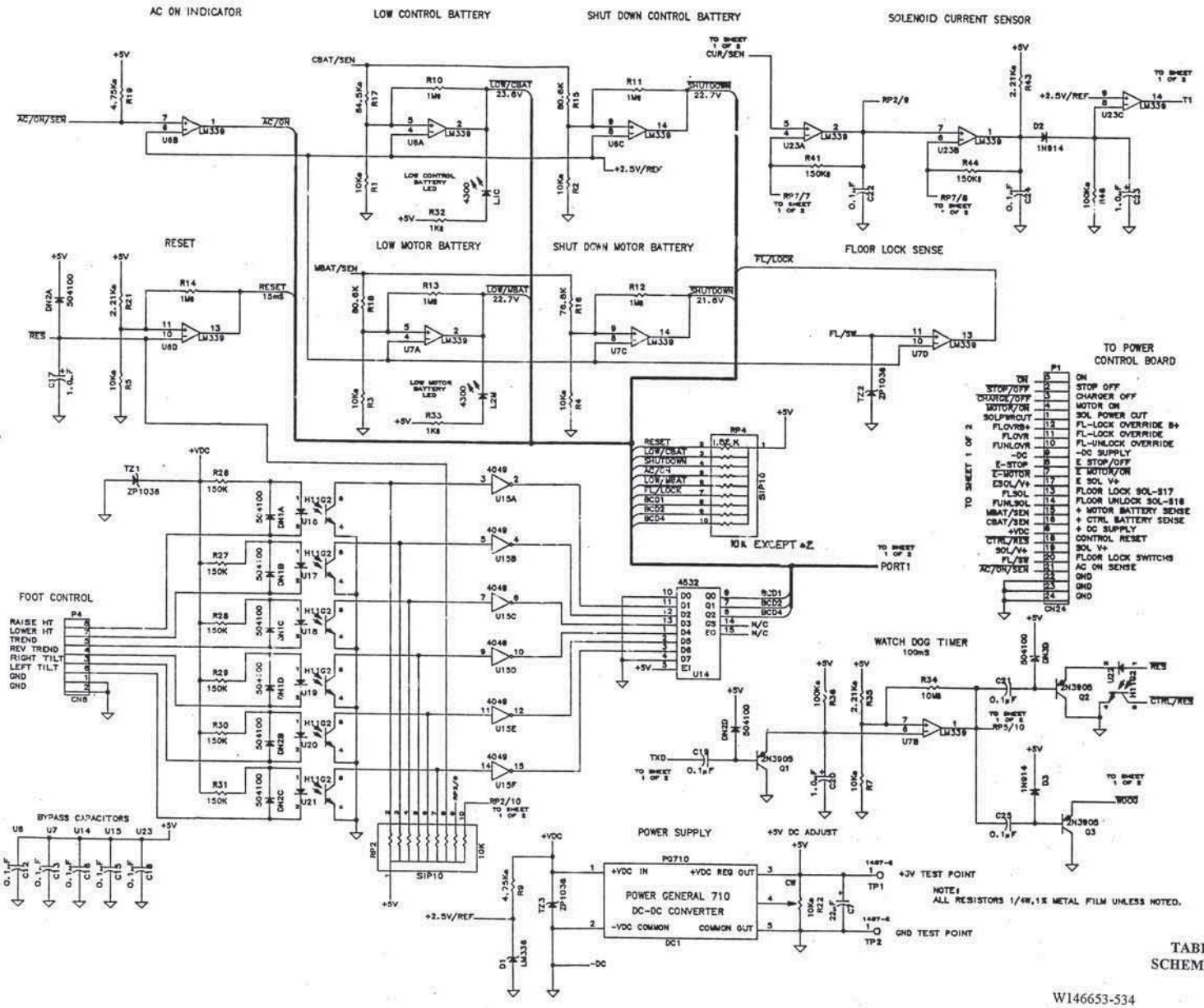
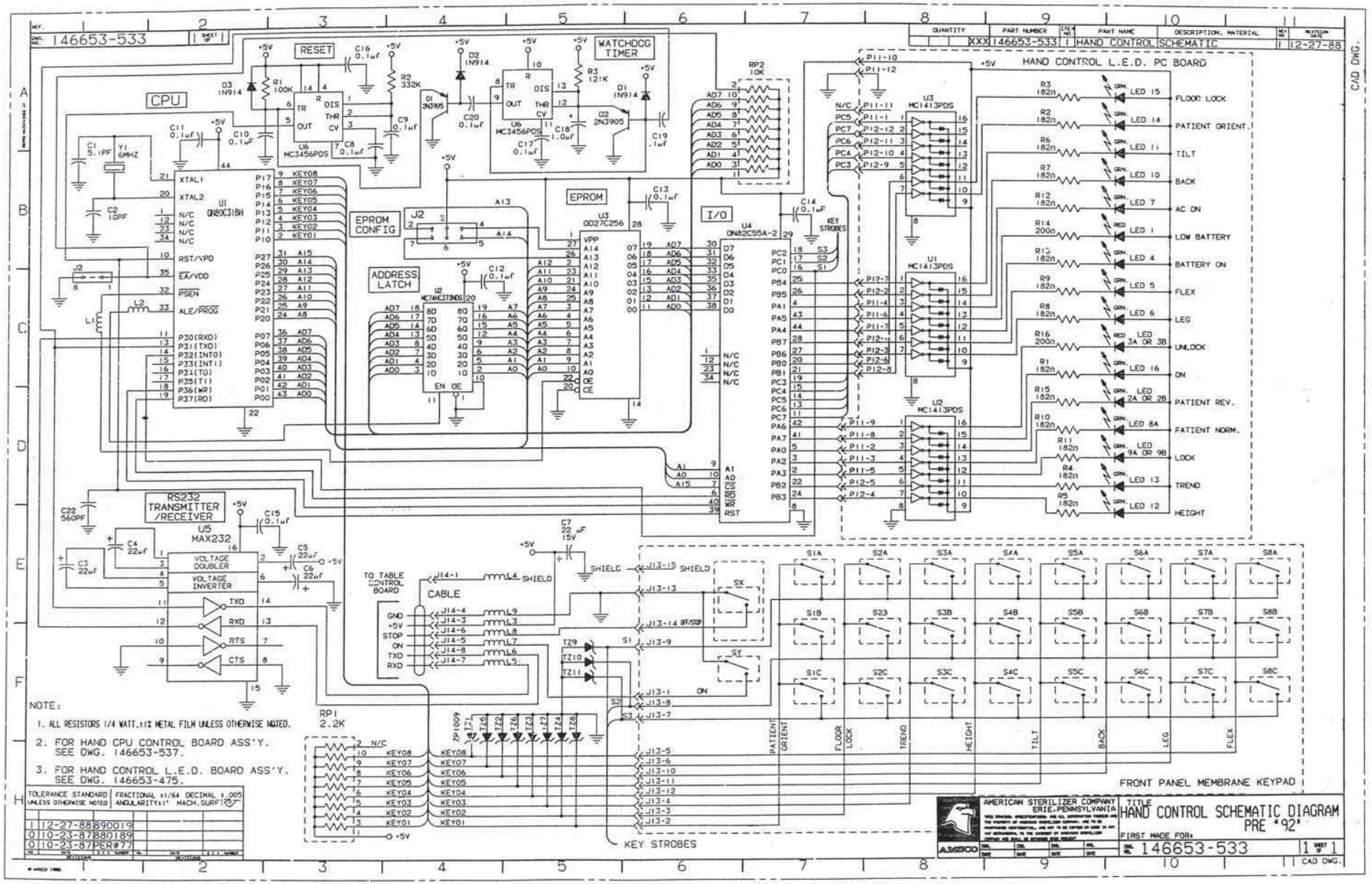


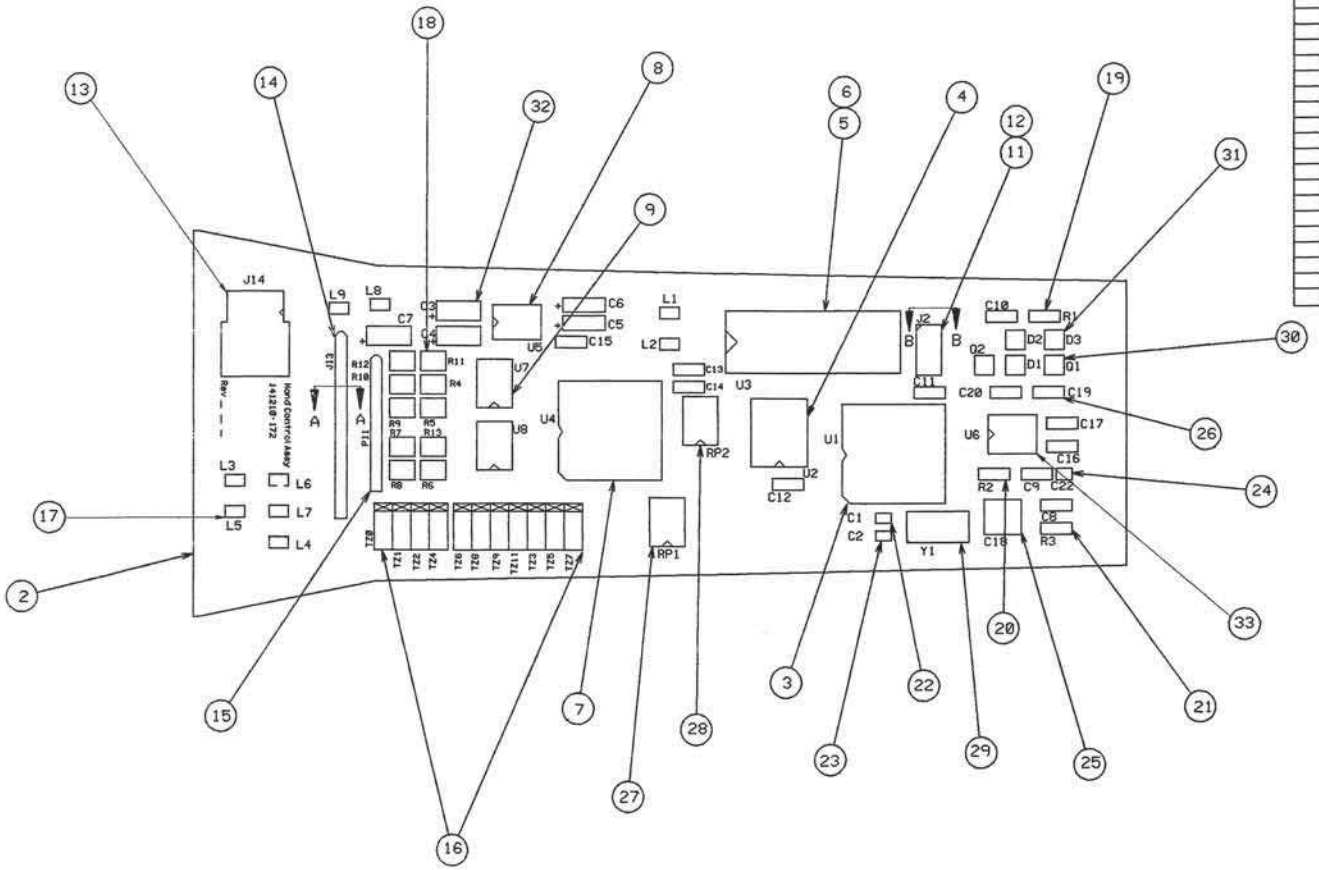
TABLE CONTROL
SCHEMATIC DIAGRAM

W146653-534


146653-533
QUANTITY
PART NUMBER
PART NAME
DESCRIPTION, MATERIAL
XXX 146653-533
HAND CONTROL SCHEMATIC
12-27-88
CAD DWG.
HAND CONTROL L.E.D. PC BOARD
RESET
WATCHDOG TIMER
CPU
EPROM
EPROM CONFIG
ADDRESS LATCH
I/O
RS232 TRANSMITTER /RECEIVER
U5 MAX232
VOLTAGE DOUBLER
VOLTAGE INVERTER
TXD
RXD
RTS
CTS
TO TABLE CONTROL BOARD
CABLE
SHIELD
GND
+5V
STOP
ON
KEY STROBES
FRONT PANEL MEMBRANE KEYPAD
FLOOR LOCK
PATIENT ORIENT.
TILT
BACK
AC ON
LOW BATTERY
BATTERY ON
FLEX
LEG
UNLOCK
ON
PATIENT REV.
PATIENT NORM.
LOCK
TREND
HEIGHT
NOTE:
1. ALL RESISTORS 1/4 WATT, ±1% METAL FILM UNLESS OTHERWISE NOTED.
2. FOR HAND CPU CONTROL BOARD ASS'Y. SEE DWG. 146653-537.
3. FOR HAND CONTROL L.E.D. BOARD ASS'Y. SEE DWG. 146653-475.
AMERICAN STERILIZER COMPANY ERIE, PENNSYLVANIA
TITLE
HAND CONTROL SCHEMATIC DIAGRAM PRE '92'
FIRST MADE FOR:
146653-533
1 SHEET OF 1
CAD DWG.

DWG. NO. 141210-172 | 1 SHEET OF 2

QUANTITY	PART NUMBER	ITEM NO.	PART NAME	DESCRIPTION, MATERIAL	REV NO	REVISION DATE
X	141210-172	1	PC BOARD		4	09-27-94
1		2	BOARD DETAIL			
1		3	MICROCONTROLLER			
1		4	LATCH			
1		5	EPROM			
1		6	EPROM LABEL			
1		7	I/O EXPANDER			
1		8	XMITTER/RCVR			
2		9	DRIVER, ARRAY			
3		11	SHUNT			
8		12	POST, SQ. PIN			
1		13	HEADER, DBL. ROW			
15		14	POST, SQ. PIN			
11		15	POST, SQ. PIN			
11		16	ZENER			
9		17	BEAD, SHIELD			
10		18	RESISTOR 200Ω			
1		19	RESISTOR 100K			
1		20	RESISTOR 120K			
1		21	RESISTOR 330K			
1		22	CAPACITOR 5.1pf			
1		23	CAPACITOR 10pf			
1		24	CAPACITOR 560pf			
1		25	CAPACITOR 1uf			
12		26	CAPACITOR .1uf			
1		27	RESISTOR PACK			
1		28	RESISTOR PACK			
1		29	CRYSTAL			
2		30	TRANSISTOR			
3		31	DIODE			
5		32	CAPACITOR			
1		33	DUAL TIMER			



SCALE 2/1

TOLERANCE STANDARD UNLESS OTHERWISE NOTED	FRACTIONAL ±1/64 DECIMAL ±.005 ANGULARITY ±1° MACH. SURF. 125

NO.	DATE	C.O.L. NUMBER	NO.	DATE	C.O.L. NUMBER
3	04-06-92	924068			
2	03-02-92	924041			
1	09-24-91	RA•23			
0	06-25-91	PER •5	4	09-27-94	944297

AMERICAN STERILIZER COMPANY
ERIE, PENNSYLVANIA

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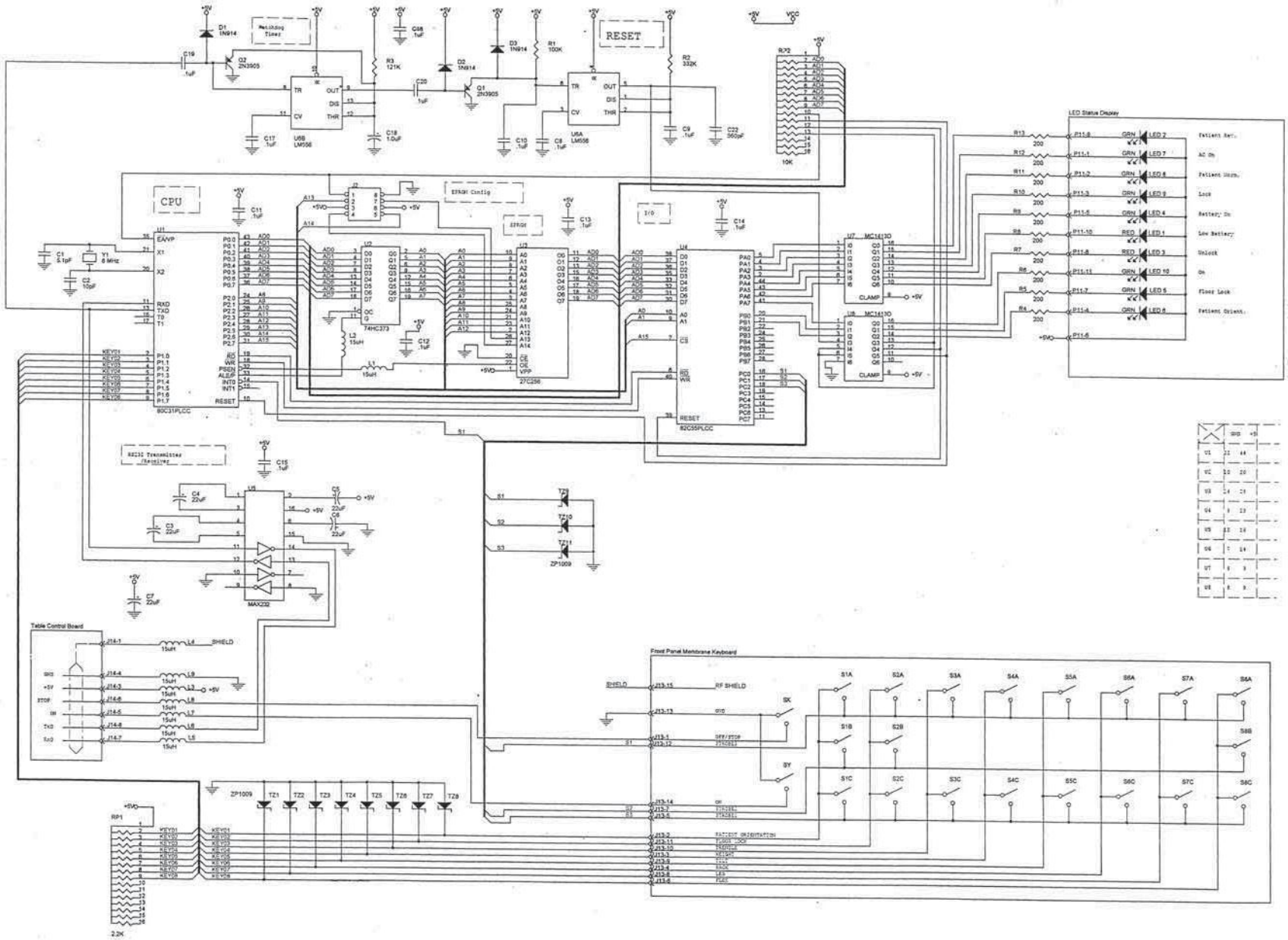
AMSCO | DR. RRD | CK. RRD | ENG. DG | MFG. | DATE 06-25-91

TITLE: PC BOARD DETAIL HAND CONTROL POST '92'

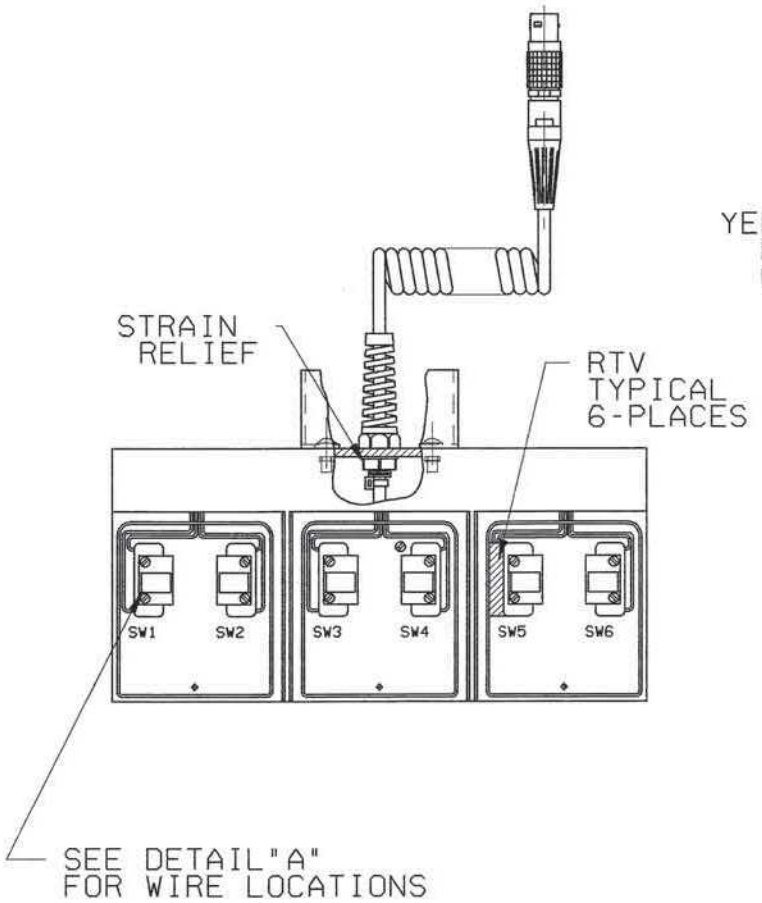
FIRST MADE FOR:

DWG. NO. 141210-172 | 1 SHEET OF 2

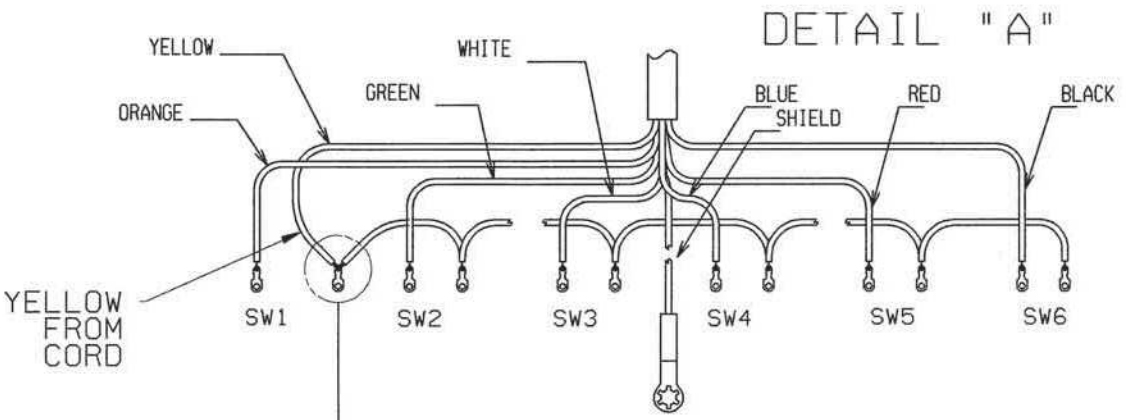
CAD DWG.

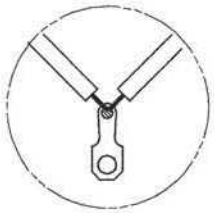


PC BOARD DETAIL HAND CONTROL
POST '92'
P141210-172 PAGE 2 OF 2
REV. 4 09-27-94

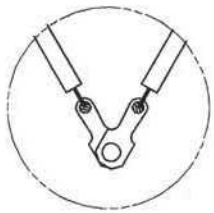


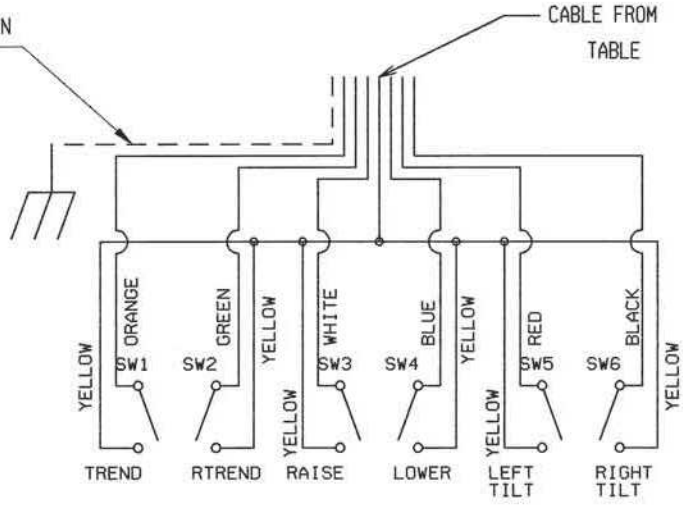
DETAIL "A"





OR





WIRING SCHEMATIC

INSTRUCTIONS, CORD
REPLACEMENT FOR
FOOT CONTROL

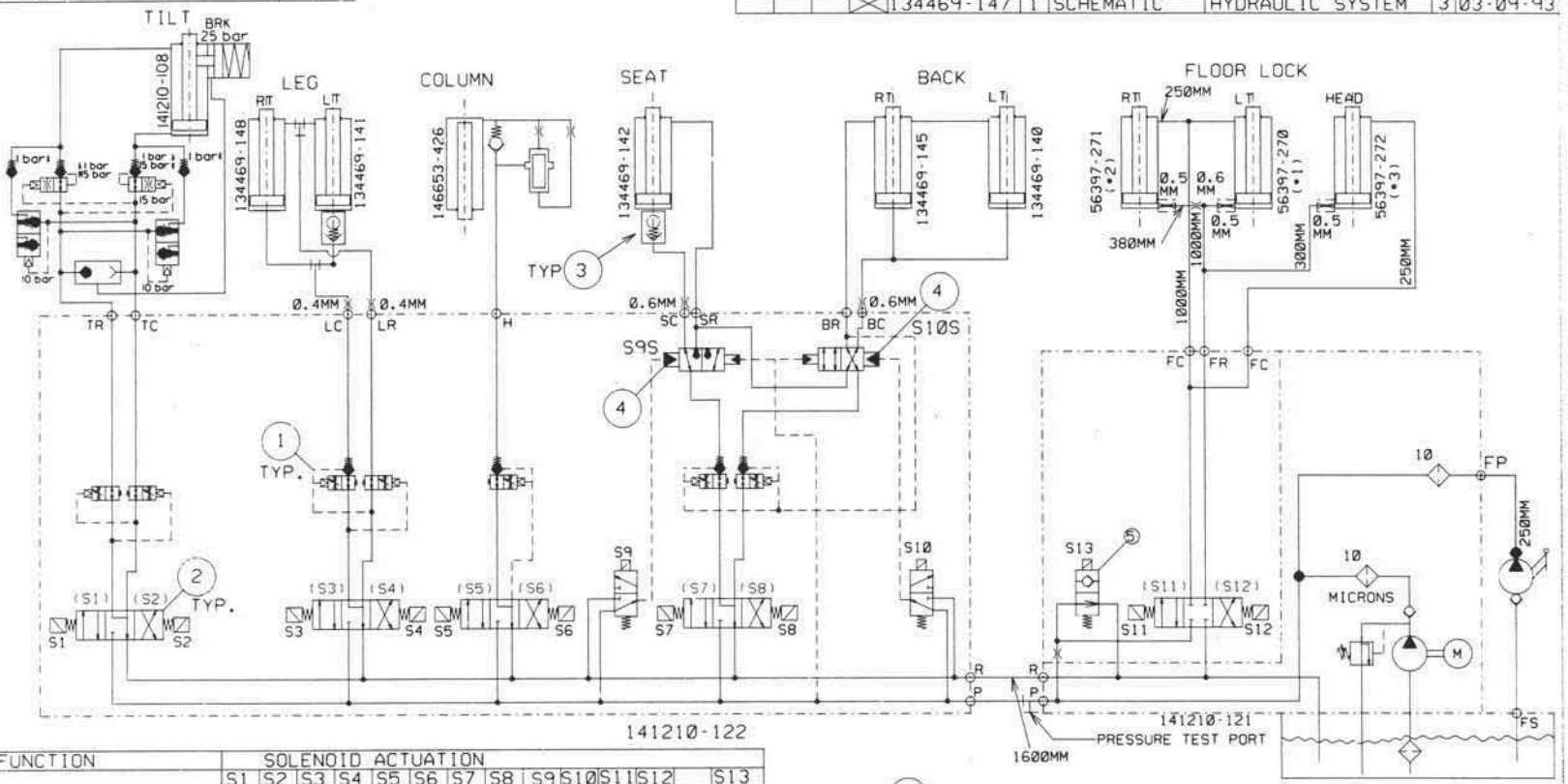
P/N 755716-207

PAGE 4 OF 4

REV. 0 DATE 12/08/93

DWG. NO. 134469-147 | SHEET 1 OF 1

QUANTITY	PART NUMBER	ITEM NO.	PART NAME	DESCRIPTION. MATERIAL	REV NO	REVISION DATE
☒	134469-147	1	SCHEMATIC	HYDRAULIC SYSTEM	3	03-09-93



FUNCTION	SOLENOID ACTUATION												
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
1 LEFT TILT	✓												✓
2 RIGHT TILT		✓											✓
3 LEG UP			✓										✓
4 LEG DOWN				✓									✓
5 RAISE					✓								✓
6 LOWER						✓							✓
7 FLEX							✓						✓
8 REFLEX								✓					✓
9 TRENDELENBERG							✓			✓			✓
10 R'TRENDELENBERG								✓	✓	✓			✓
11 BACK UP							✓		✓				✓
12 BACK DOWN								✓	✓				✓
13 LOCK DISENGAGE											✓		✓
14 LOCK ENGAGE												✓	✓

(1) LOWERING BRAKE CHECK VALVE MODULE

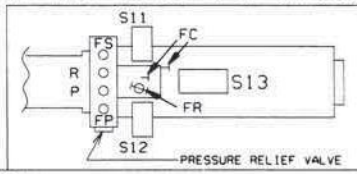
(2) DIRECTIONAL VALVES. ☑ IS ELECTRO MAGNET OPERATOR. ALL VALVES SHOWN NOT ACTUATED.

(3) FLOW FUSE VALVE

(4) DIRECTIONAL VALVE LEAK-FREE. (SLAVE TO S9 OR S10)

(5) START STOP VALVE

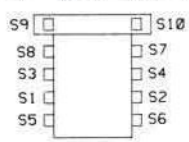
NOTE: REF. H. BIERI AG DWG. 42890-S98



NO.	DATE	E.C.A. NUMBER
3	03-09-93	934040
2	07-10-92	924156
1	06-07-91	914148
0	06-19-90	904227

REVISIONS

ALLGEMEINTOLERANZEN DIN 7168
LANGENMASSE
RUNDUNGEN. FASEN
WINKEL
GERADHEIT. EBENHEIT
SYMMETRIE
RUNDLAUF. PLANLAUF



AMSCO

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ERIE, PENNSYLVANIA

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DWN.	CKD.	ENG.	MFG.
JKD	SHM	SHM	
DATE 10-24-90	DATE 10-24-90	DATE 10-24-90	DATE

TITLE SCHEMATIC. HYDRAULIC SYSTEM

FIRST MADE FOR:

DWG. NO. 134469-147 | SHEET 1 OF 1

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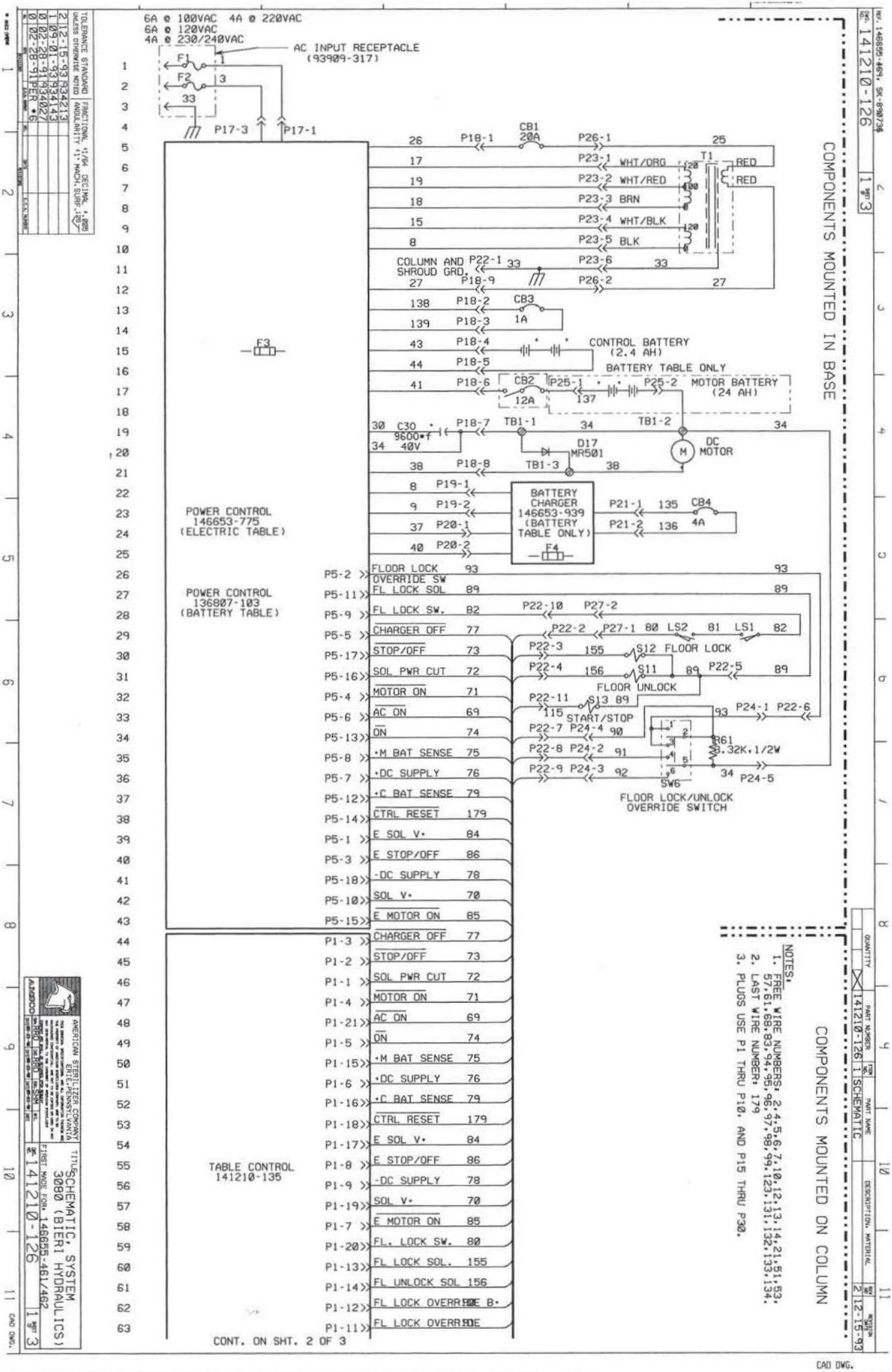
CAD DWG.


6A @ 100VAC 4A @ 220VAC
6A @ 120VAC
4A @ 230/240VAC
AC INPUT RECEPTACLE
(93909-317)
F1
F2
P17-3
P17-1
CB1
20A
P18-1
P26-1
T1
WHT/ORG
WHT/RED
BRN
WHT/BLK
BLK
RED
COLUMN AND SHROUD GRD.
P22-1
P23-6
P18-9
P26-2
CB3
1A
P18-2
P18-3
F3
CONTROL BATTERY
(2.4 AH)
P18-4
P18-5
BATTERY TABLE ONLY
CB2
12A
P18-6
P25-1
P25-2
MOTOR BATTERY
(24 AH)
C30
9600•f
40V
P18-7
TB1-1
TB1-2
D17
MR501
DC
MOTOR
TB1-3
P18-8
BATTERY
CHARGER
146653-939
(BATTERY
TABLE ONLY)
P19-1
P19-2
P20-1
P20-2
P21-1
P21-2
CB4
4A
F4
POWER CONTROL
146653-775
(ELECTRIC TABLE)
POWER CONTROL
136807-103
(BATTERY TABLE)
FLOOR LOCK OVERRIDE SW
FL LOCK SOL
FL LOCK SW.
CHARGER OFF
STOP/OFF
SOL PWR CUT
MOTOR ON
AC ON
ON
•M BAT SENSE
•DC SUPPLY
•C BAT SENSE
CTRL RESET
E SOL V•
E STOP/OFF
-DC SUPPLY
SOL V•
E MOTOR ON
P22-10
P27-2
P22-2
P27-1
LS2
LS1
P22-3
S12 FLOOR LOCK
P22-4
S11
FLOOR UNLOCK
P22-11
S13
START/STOP
P22-7
P24-4
P22-8
P24-2
P22-9
P24-3
R61
3.32K,1/2W
SW6
P24-1
P22-6
P24-5
FLOOR LOCK/UNLOCK
OVERRIDE SWITCH
TABLE CONTROL
141210-135
CONT. ON SHT. 2 OF 3
COMPONENTS MOUNTED IN BASE
COMPONENTS MOUNTED ON COLUMN
NOTES:
1. FREE WIRE NUMBERS: 2,4,5,6,7,10,12,13,14,21,51,53,57,61,68,83,94,95,96,97,98,99,123,131,132,133,134.
2. LAST WIRE NUMBER: 179
3. PLUGS USE P1 THRU P10, AND P15 THRU P30.
AMERICAN STERILIZER COMPANY
ERIE, PENNSYLVANIA
TITLE SCHEMATIC, SYSTEM
3080 (BIERI HYDRAULICS)
DWG NO. 141210-126
FIRST MADE FOR: 146655-461/462
SHT 3 OF 3
REV 2
12-15-93
QUANTITY
PART NUMBER 141210-126
PART NAME SCHEMATIC
DESCRIPTION, MATERIAL
CAD DWG.